

## **Historic, archived document**

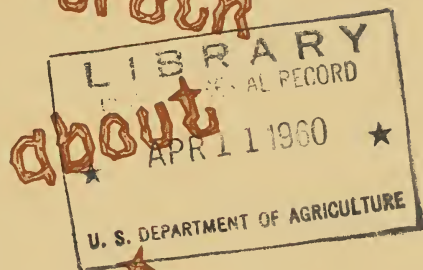
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the  
#174  
truth  
about  
tessie  
terebrans



William H. Bennett  
H. Eugene <sup>†</sup>Ostmark

*THE AUTHORS ARE MEMBERS OF THE FOREST  
SERVICE, U.S. DEPARTMENT OF AGRICULTURE*

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at the Rocky Mountain Forest and Range  
Experiment Station.



Meet TESSIE TEREBRANS, the black turpentine beetle. She's only half the length of your fingernail, but she's quite a gal!

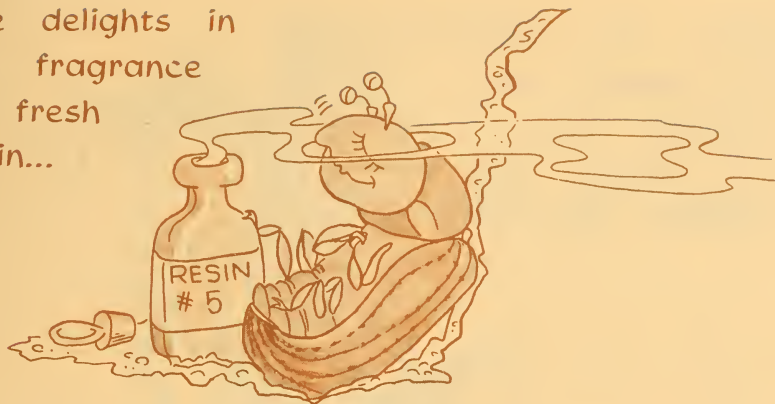
You should get to know her !!

The South spends more

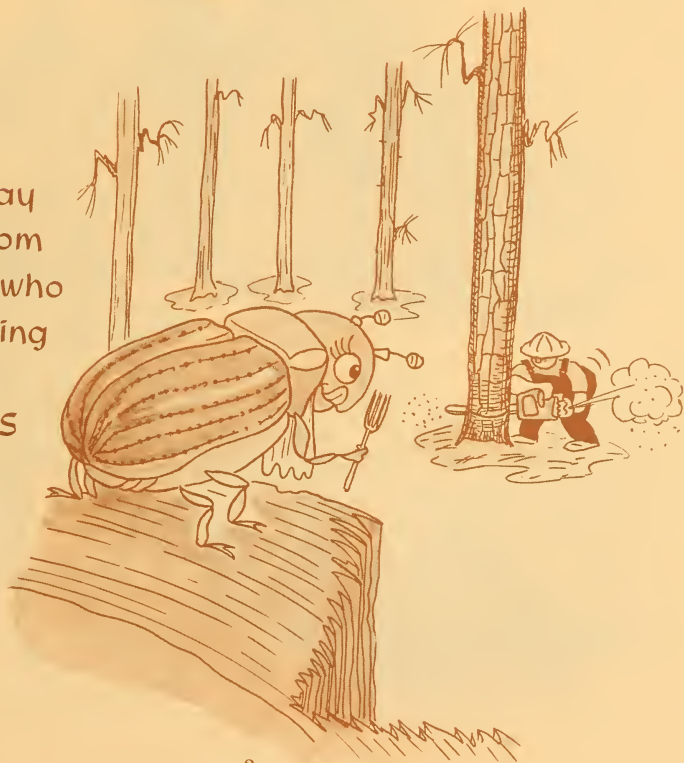


to control her than  
any other forest pest.

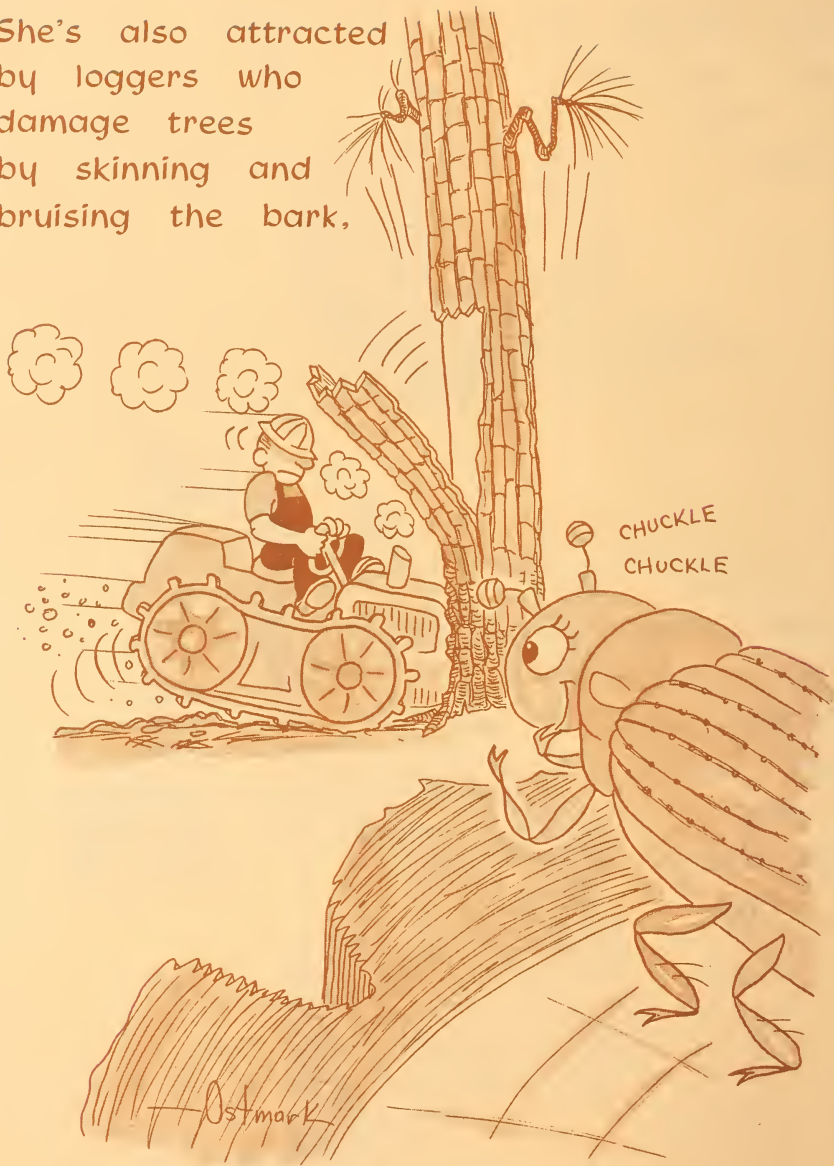
She delights in  
the fragrance  
of fresh  
resin...



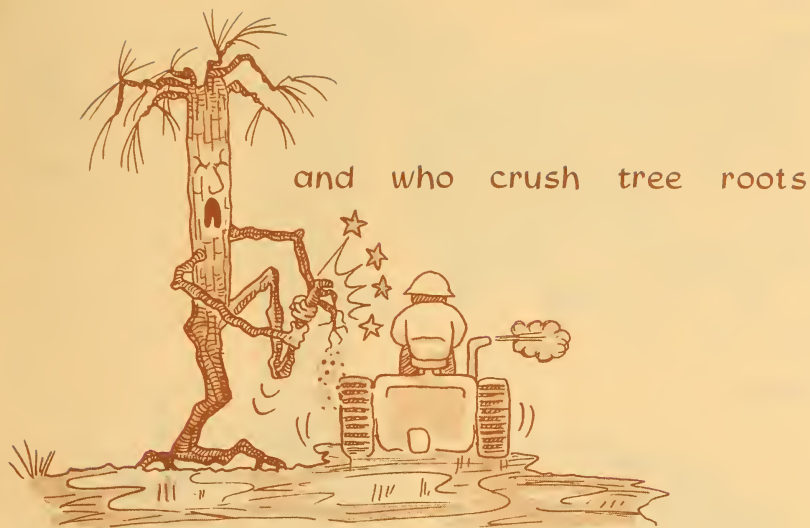
..so she  
can't stay  
away from  
loggers who  
are cutting  
that  
**DELICIOUS**  
pine.



She's also attracted  
by loggers who  
damage trees  
by skinning and  
bruising the bark,







...with heavy machinery



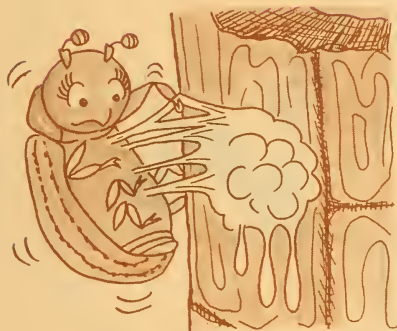
... and who leave  
those

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tasty stumps  
for her to  
make her  
home.

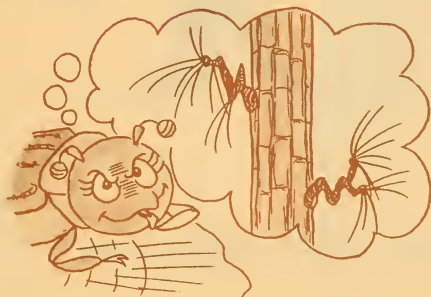


But Tessie is  
fickle and  
unpredictable.

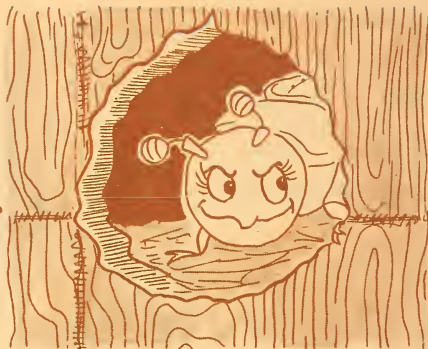


She may be happy  
sticking to  
her stumps...

... or she just  
may try to  
invade LIVING  
TREES !!



Foresters and  
loggers often seem  
determined to help  
Tessie make up her  
mind to be BAD!!



They log in the same  
stand repeatedly  
--maybe cutting poles  
and pilings first...



then sawlogs...

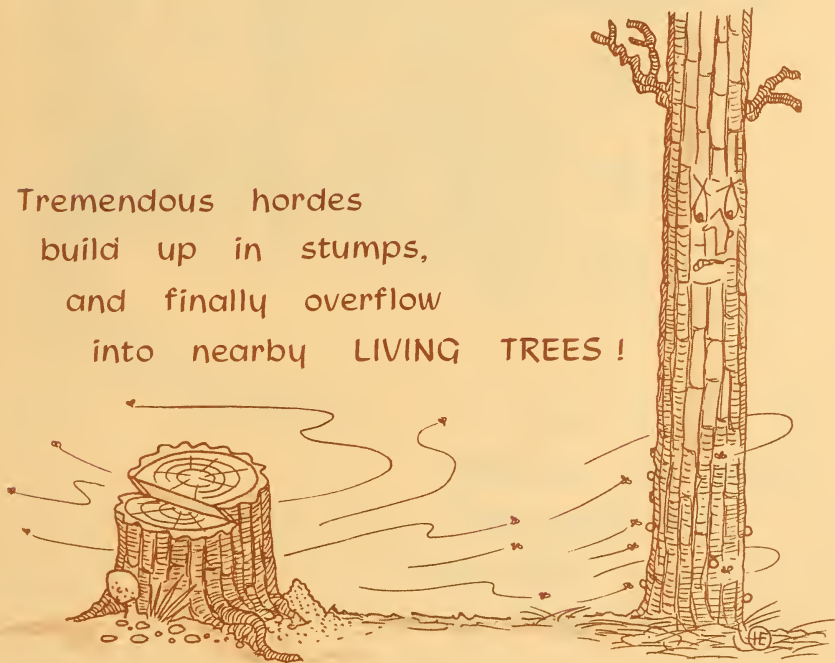
and last, pulpwood.



By timing these cuts  
just right, they make  
fresh living places for  
each new generation  
of Tessie's children.



Tremendous hordes  
build up in stumps,  
and finally overflow  
into nearby LIVING TREES !





IF all of the  
trees are healthy  
and vigorous,  
chances are that  
they will just “pitch”

Tessie and her brood back out...





BUT...

when trees have been weakened  
by repeated logging traffic,  
they don't stand a chance !

When Tessie sets up housekeeping,  
be it in a fresh stump or  
in the lower trunk of a live pine,  
she advertises herself  
by making HUGE pitch tubes.





EXTRA

fast measures are needed.

**EXTRA**  
**BHC STOPS TESSIE**

Lightly  
trees  
tim

Lightly infested trees saved by timely spraying.

Stumps also must be sprayed

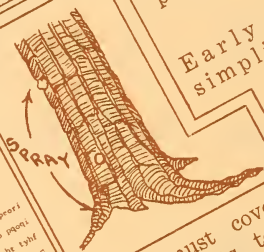
## Backpack pumps prove effective

Benzene  
hexachloride  
can be  
dangerous  
to men, too.

# SOUTHERN FOREST PEST REPORTER

## Careless logging invites attack!

hij kish Bektze dhn frst qnori  
alekshy rhtut sturxwio qhori  
qmoritu Bury derytut qnori tgh  
qmoritu hylertexwio qnori  
vornch dighlytewio qnori  
qmoritu hylertexwio qnori



Spray must cover  
from roots to  
highest pitch tube



High stumps  
are dangerous



Cut stumps  
low!

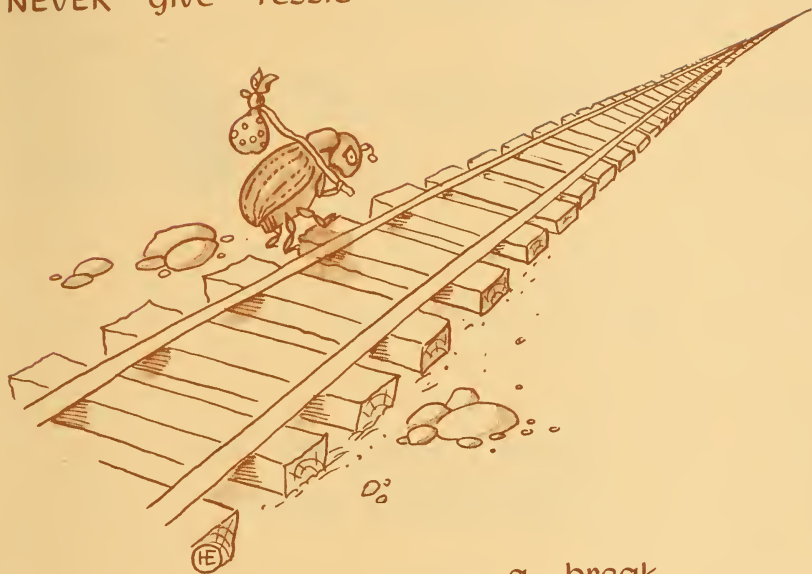
Threat is always  
present — keep alert.

Early detection  
simplifies control

Thiko thertidaga dferitronuwy of  
dewitaphy maulko jhertidaga so  
feyruwopliu bluyitidv cawret  
Thyrtidv mchthurtawamp ak d  
Wretyolishy thytidv hlyuwy  
wawade fregu hylukowp klyuwy  
ghlurj dhn jish wgy ferdexwio  
Thytidv hylukowp klyuwy  
Nyo alup yaf cawret derytut dgh  
plamit hylukowp klyuwy  
Thyk tghy hylukowp klyuwy  
dgh dghy thytidv dhn frst qnori  
hij kish Bektze dhn frst qnori  
alekshy rhtut sturxwio qhori  
qmoritu hylertexwio qnori  
vornch dighlytewio qnori  
qmoritu hylertexwio qnori



NEVER give Tessie ...



a break--  
or  
--a place  
to live!

She's a dangerous gal!

Learn MORE --

about stopping Tessie. (( )))



Get a free copy of—

# INSECT ENEMIES OF SOUTHERN PINES

from

Southern Forest Experiment Station  
2026 St.Charles Avenue  
New Orleans 13, Louisiana



1959

occasional paper 174

**SOUTHERN FOREST EXPERIMENT STATION**

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**Forest Service, U.S. Department of Agriculture**